

## ABSTRACT OF THE DISCLOSURE

A longitudinal sealing member for use in a rotary tubular kiln is disclosed. The sealing member increases the heating efficiency in the rotary tubular kiln. Generally, the sealing member is positioned to extend below a rotating tube and thereby define an entry side and an exit side within a heating tunnel. Preferably, the sealing member is in the shape of a separation wall extending between the entry side and the exit side of the heating tunnel. Preferably, the sealing member includes a rigid portion and a flexible portion disposed on the rigid portion and able to conform to the profile of the rotating tube.

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